

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110625\
 Data File : VY023698.D
 Acq On : 06 Nov 2025 11:40
 Operator : SY/MD
 Sample : Q3483-23DL 4X
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HW1025-PT-VOA-SOILDL

Quant Time: Nov 07 04:15:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	525542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	837737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	724701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	374577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	232911	51.955	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.920%	
35) Dibromofluoromethane	7.634	113	255382	48.781	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.560%	
50) Toluene-d8	10.109	98	955572	48.999	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.000%	
62) 4-Bromofluorobenzene	12.408	95	298565	47.341	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.680%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	3.793	96	113739	24.223	ug/l	98
16) Acetone	3.867	43	91635	82.234	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	212586	19.525	ug/l	96
20) Methylene Chloride	4.622	84	14876	2.765	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	82185	15.523	ug/l	94
25) 2-Butanone	6.896	43	40694	31.586	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	84881	14.038	ug/l	92
30) Chloroform	7.421	83	151000	15.952	ug/l	95
38) Carbon Tetrachloride	7.823	117	129695	15.735	ug/l	99
40) Benzene	8.079	78	508490	23.060	ug/l	99
42) 1,2-Dichloroethane	8.158	62	258458	46.329	ug/l	99
44) Trichloroethene	8.866	130	183331	28.946	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	240783	37.430	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	319715	41.483	ug/l	98
59) 2-Hexanone	10.762	43	154583	78.299	ug/l	96
61) 1,2-Dibromoethane	11.018	107	25570	6.761	ug/l	100
64) Tetrachloroethene	10.646	164	128427	17.026	ug/l	99
65) Chlorobenzene	11.444	112	88066	5.582	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	89459	16.036	ug/l	99
67) Ethyl Benzene	11.518	91	131645	5.156	ug/l	97
68) m/p-Xylenes	11.627	106	450361	44.145	ug/l	100
69) o-Xylene	11.957	106	424279	44.990	ug/l	96
70) Styrene	11.969	104	414825	26.660	ug/l	93
71) Bromoform	12.133	173	85871	26.355	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	156122	39.019	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	107090	35.326	ug/l #	100
79) 2-Chlorotoluene	12.682	91	339099	19.830	ug/l	100
83) tert-Butylbenzene	12.999	119	552302	29.792	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	936427	46.448	ug/l	100
86) p-Isopropyltoluene	13.292	119	989472	43.712	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	158311	12.377	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	245531	19.542	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	208316	33.041	ug/l	99
95) Naphthalene	15.145	128	128093	15.660	ug/l	99

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QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

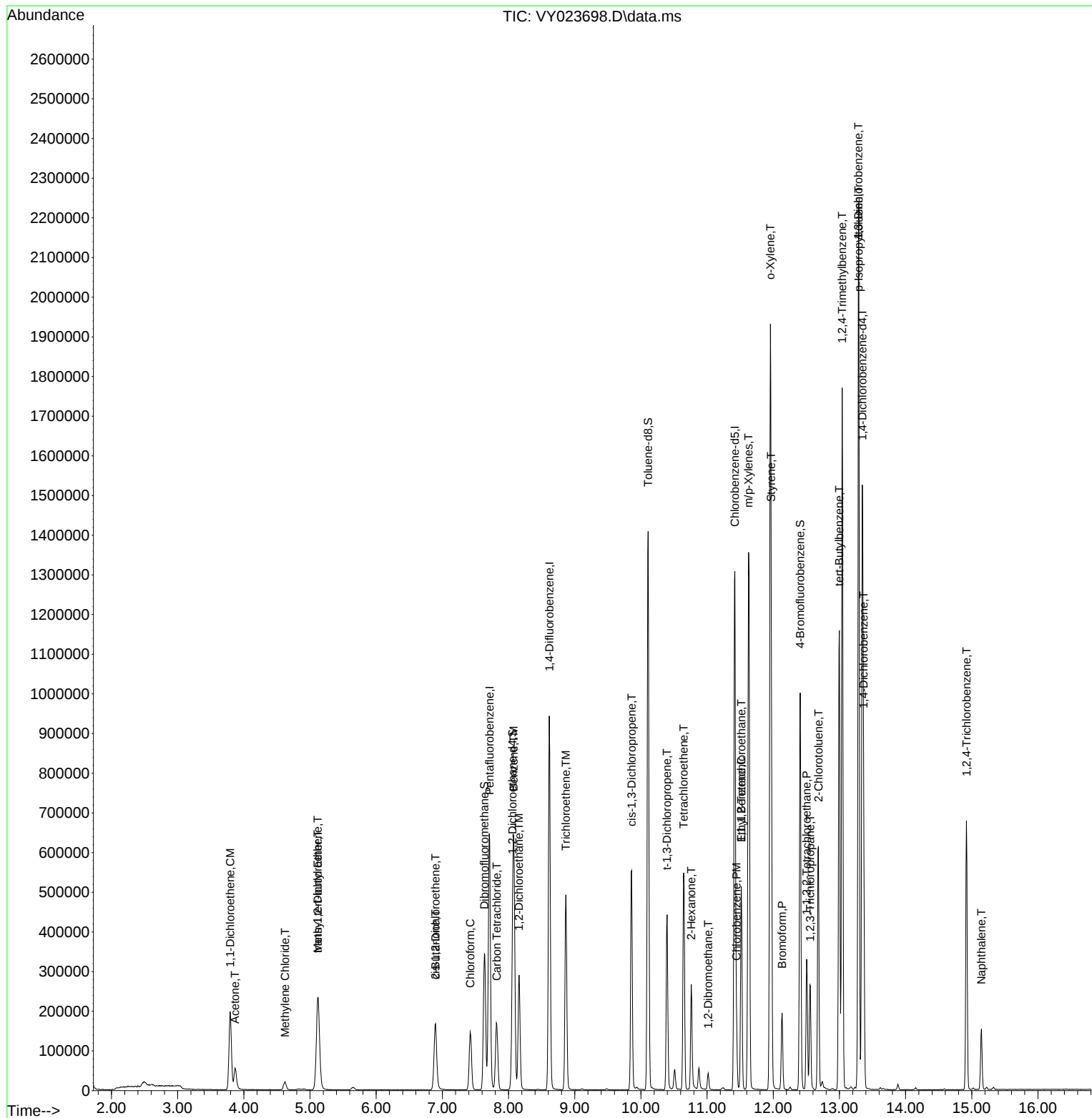
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

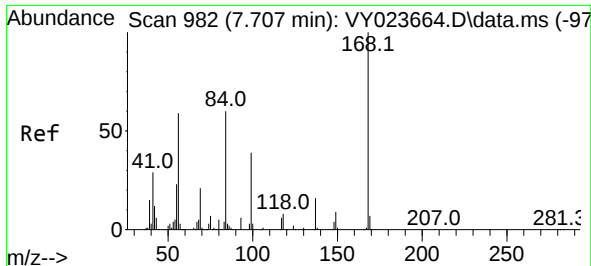
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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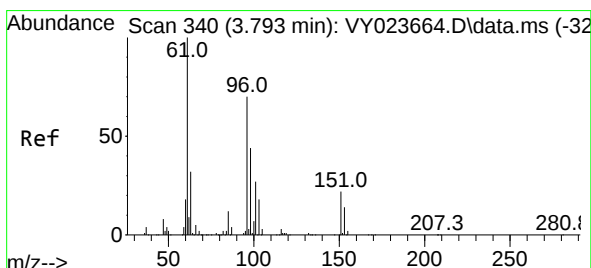
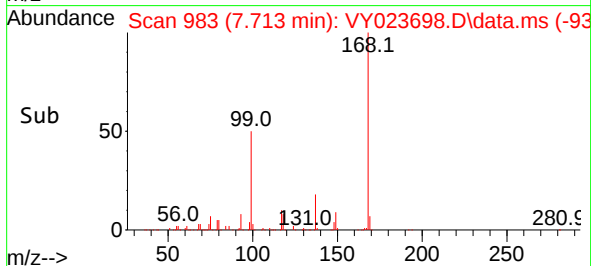
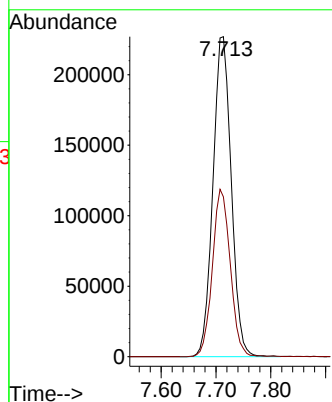
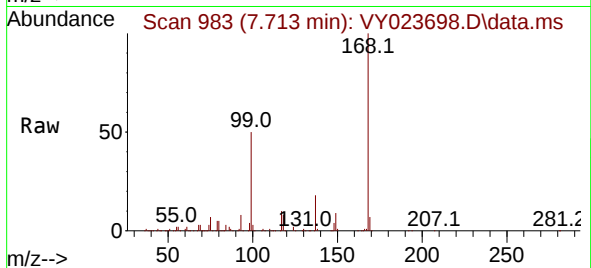




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40

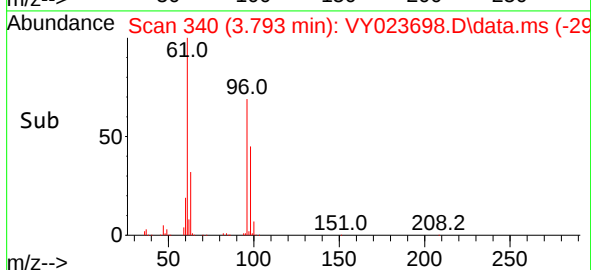
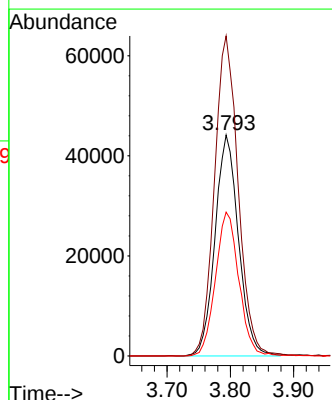
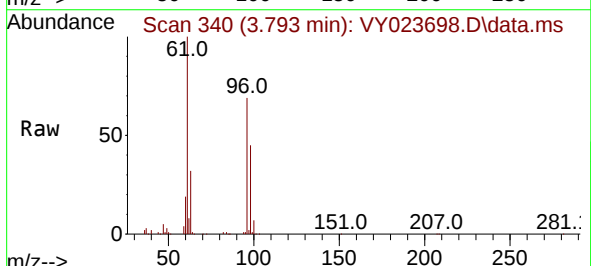
Instrument :
MSVOA_Y
ClientSampleId :
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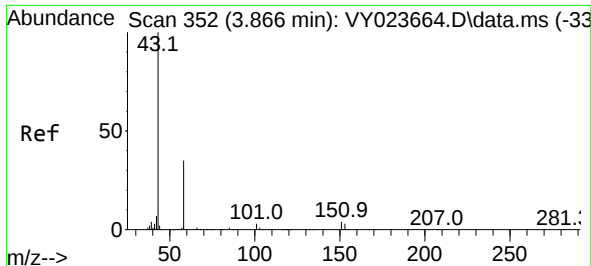
Tgt Ion:168 Resp: 525542
Ion Ratio Lower Upper
168 100
99 50.0 41.0 61.4



#12
1,1-Dichloroethene
Concen: 24.223 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40

Tgt Ion: 96 Resp: 113739
Ion Ratio Lower Upper
96 100
61 144.8 114.0 171.0
98 65.1 50.2 75.2

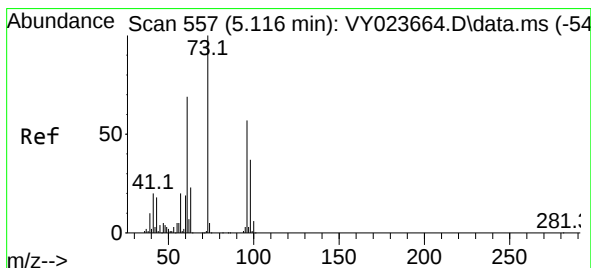
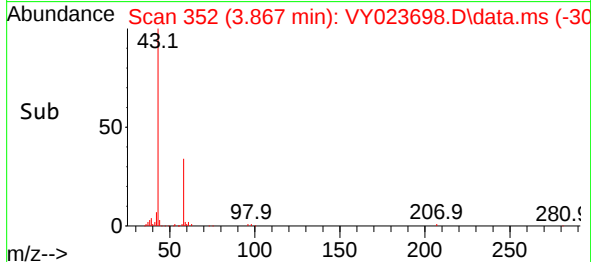
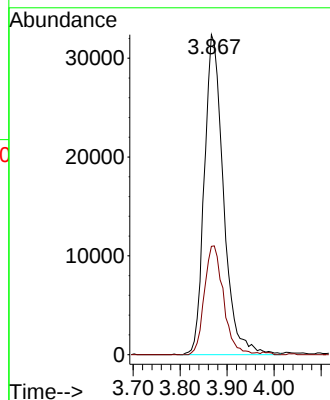
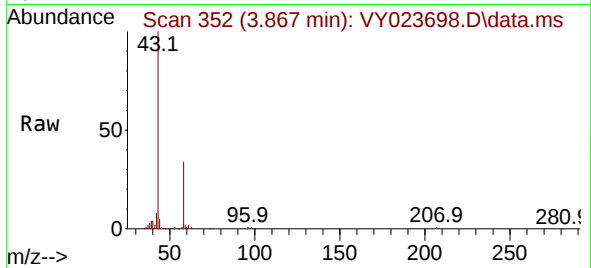




#16
Acetone
Concen: 82.234 ug/l
RT: 3.867 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40

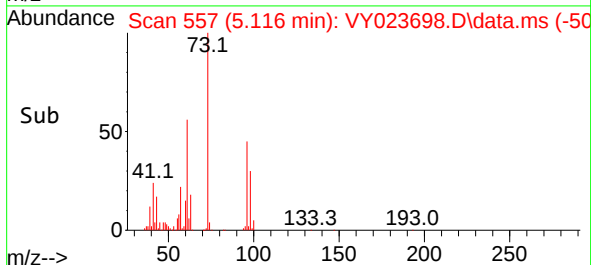
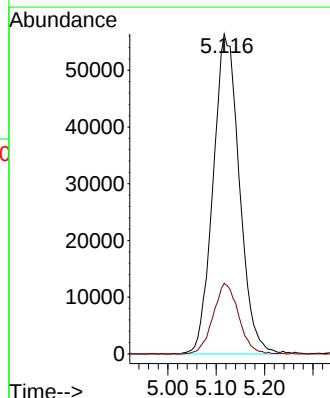
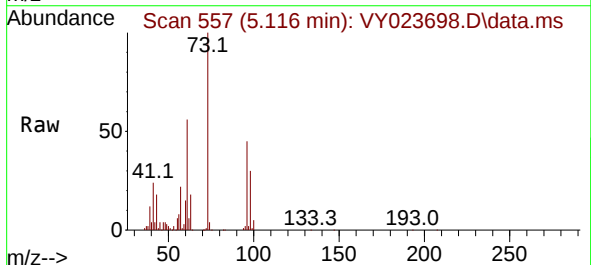
Instrument :
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ClientSampleId :
HW1025-PT-VOA-SOILD

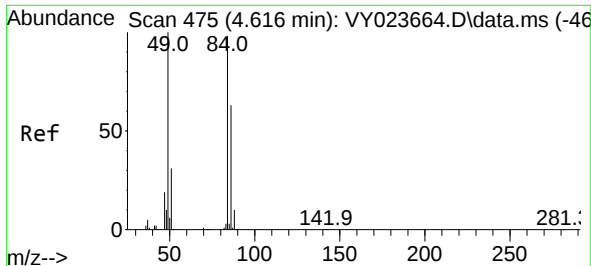
Tgt Ion: 43 Resp: 91635
Ion Ratio Lower Upper
43 100
58 33.9 28.2 42.4



#19
Methyl tert-butyl Ether
Concen: 19.525 ug/l
RT: 5.116 min Scan# 557
Delta R.T. 0.000 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40

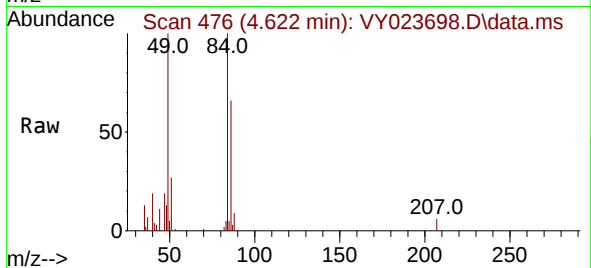
Tgt Ion: 73 Resp: 212586
Ion Ratio Lower Upper
73 100
57 22.1 16.1 24.1



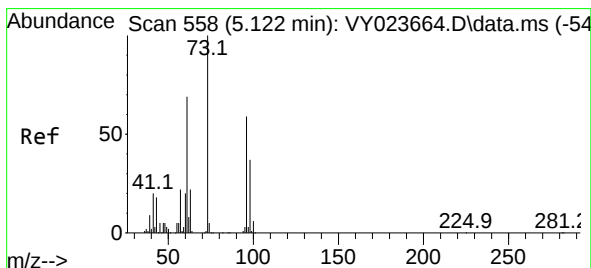
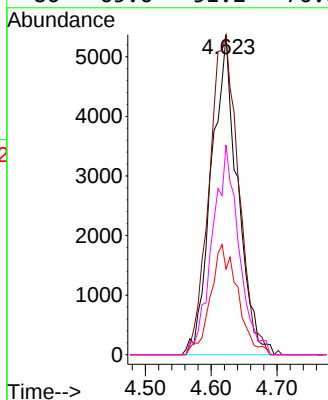
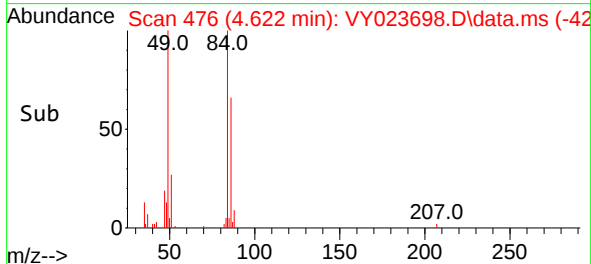


#20
Methylene Chloride
Concen: 2.765 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40

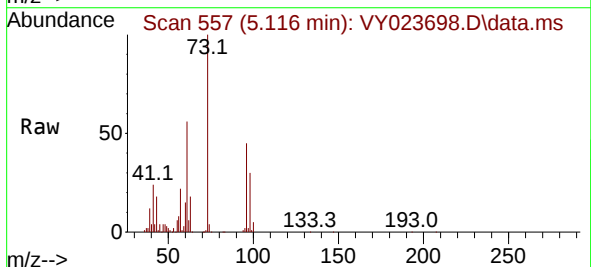
Instrument :
MSVOA_Y
ClientSampleId :
HW1025-PT-VOA-SOILDL



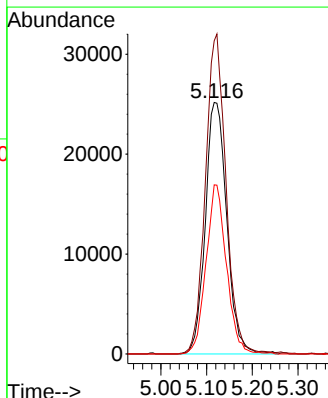
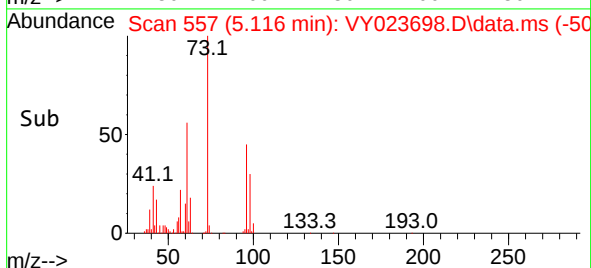
Tgt Ion:	84	Resp:	14876
Ion	Ratio	Lower	Upper
84	100		
49	99.9	81.5	122.3
51	26.7	25.5	38.3
86	65.6	51.2	76.8

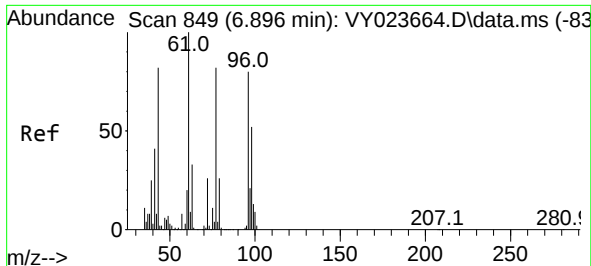


#21
trans-1,2-Dichloroethene
Concen: 15.523 ug/l
RT: 5.116 min Scan# 557
Delta R.T. -0.006 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40



Tgt Ion:	96	Resp:	82185
Ion	Ratio	Lower	Upper
96	100		
61	124.5	93.3	139.9
98	67.2	50.6	75.8

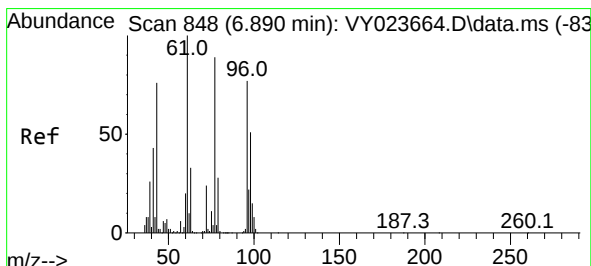
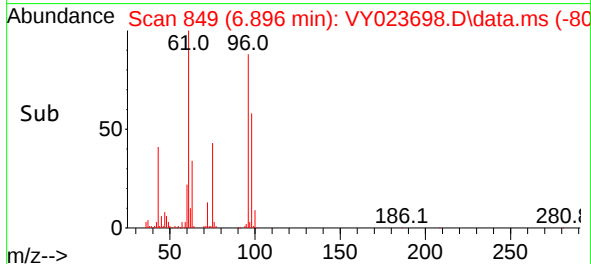
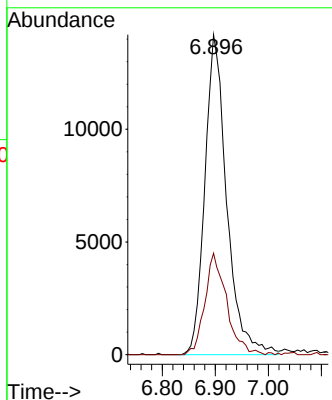
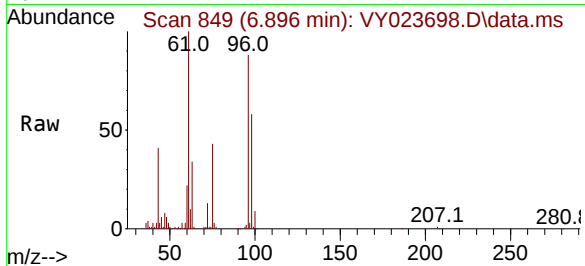




#25
2-Butanone
Concen: 31.586 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40

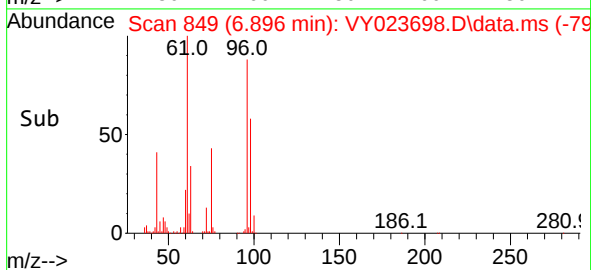
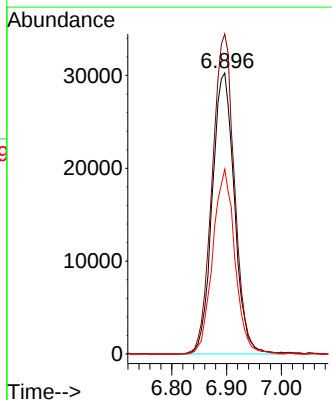
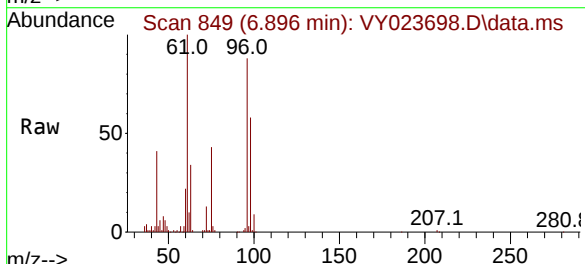
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ClientSampleId :
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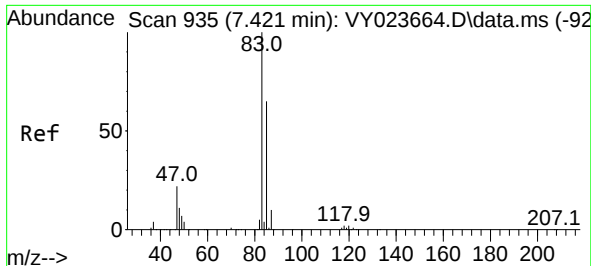
Tgt Ion: 43 Resp: 40694
Ion Ratio Lower Upper
43 100
72 31.7 25.7 38.5



#27
cis-1,2-Dichloroethene
Concen: 14.038 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40

Tgt Ion: 96 Resp: 84881
Ion Ratio Lower Upper
96 100
61 114.6 0.0 255.0
98 65.5 0.0 129.8

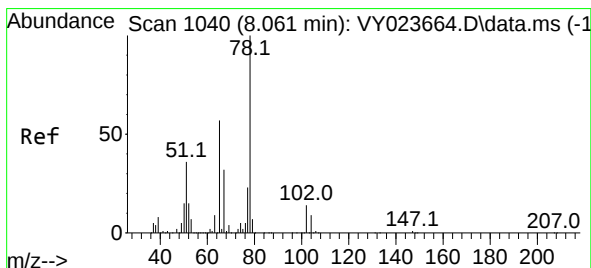
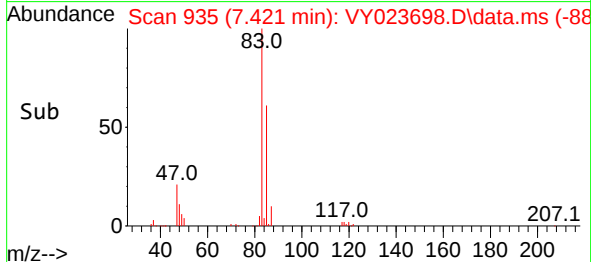
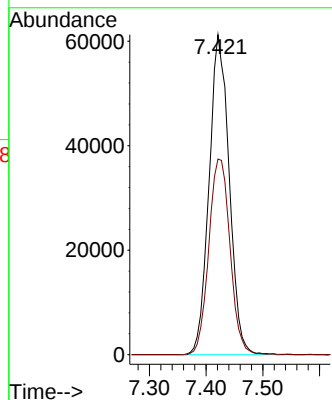
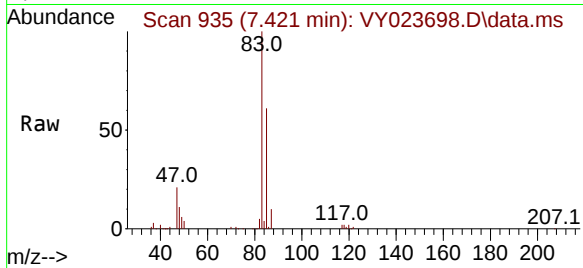




#30
Chloroform
Concen: 15.952 ug/l
RT: 7.421 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40

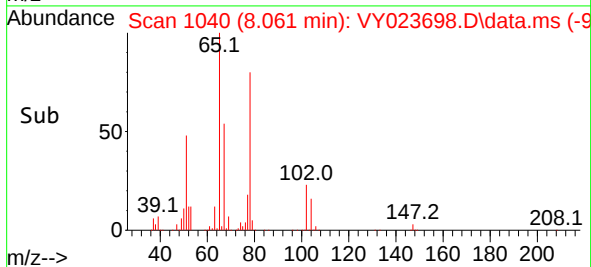
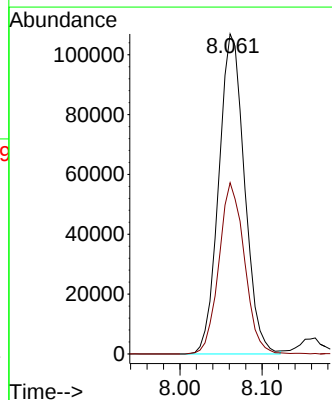
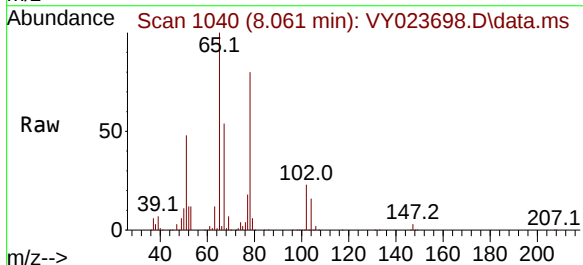
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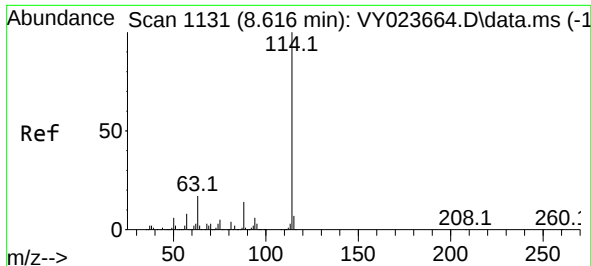
Tgt Ion: 83 Resp: 151000
Ion Ratio Lower Upper
83 100
85 61.2 52.1 78.1



#33
1,2-Dichloroethane-d4
Concen: 51.955 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40

Tgt Ion: 65 Resp: 232911
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.4

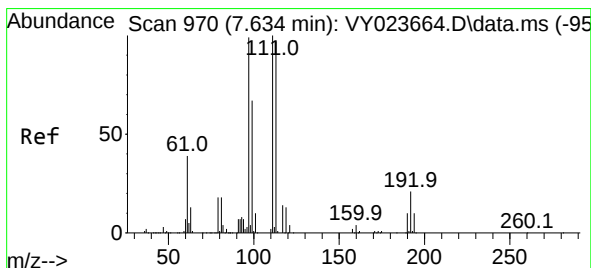
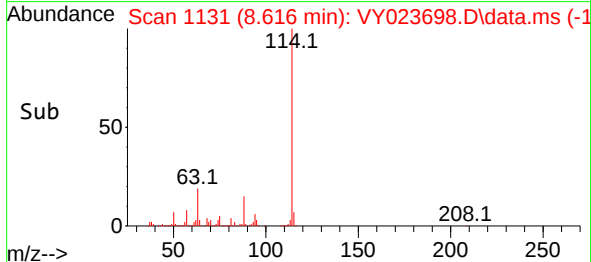
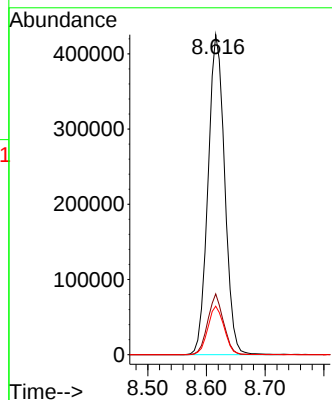
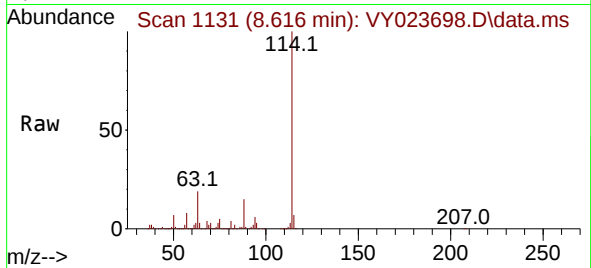




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40

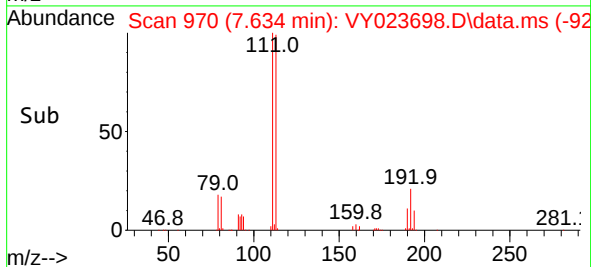
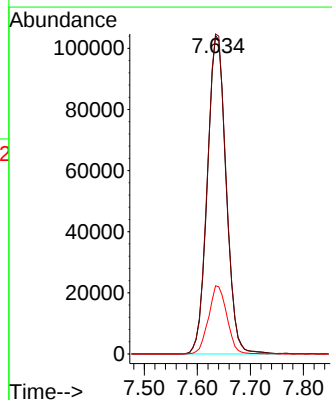
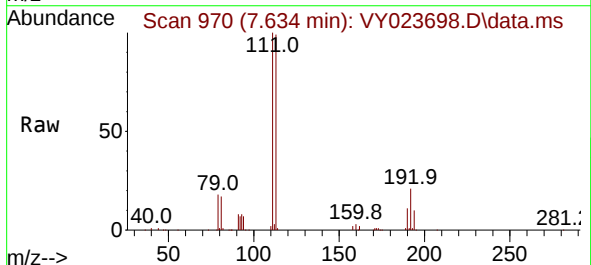
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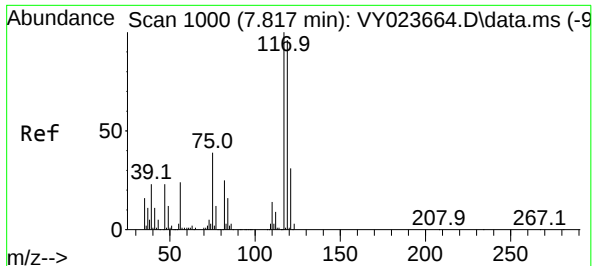
Tgt Ion:114 Resp: 837737
Ion Ratio Lower Upper
114 100
63 19.0 0.0 33.8
88 15.2 0.0 29.0



#35
Dibromofluoromethane
Concen: 48.781 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40

Tgt Ion:113 Resp: 255382
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 21.0 17.3 25.9

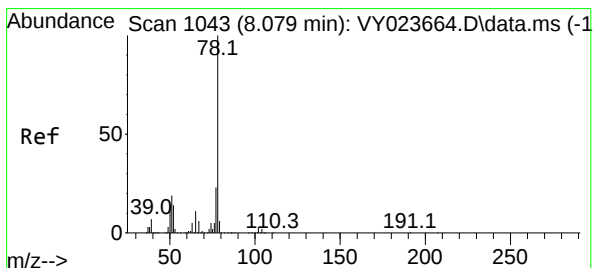
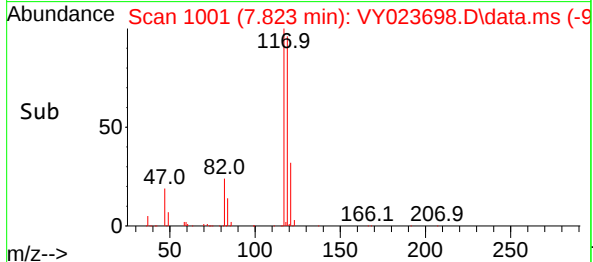
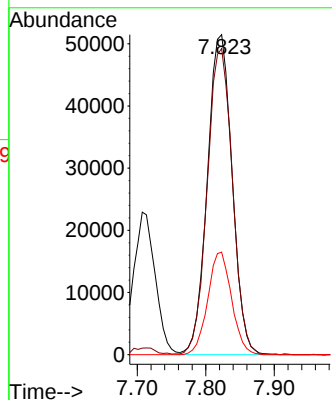
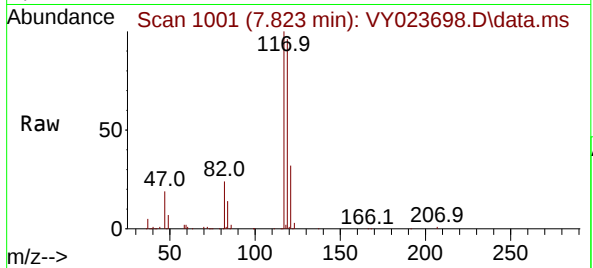




#38
Carbon Tetrachloride
Concen: 15.735 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40

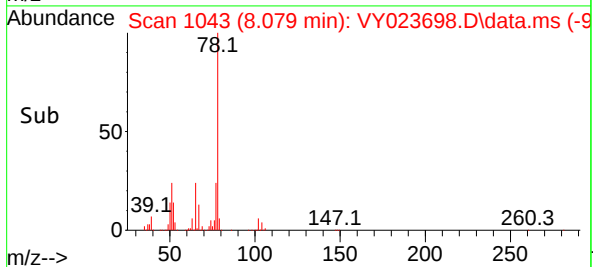
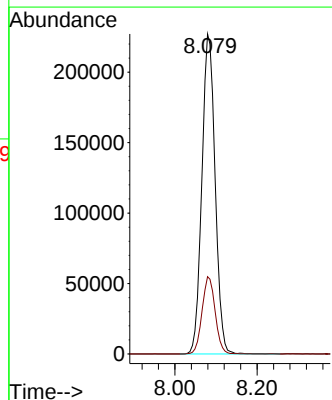
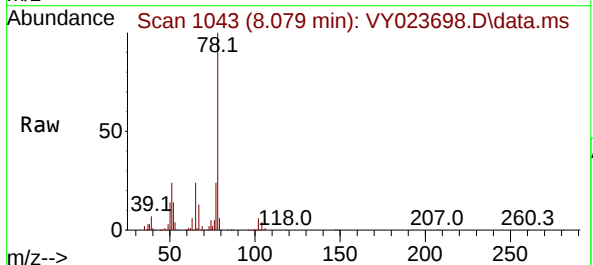
Instrument :
MSVOA_Y
ClientSampleId :
HW1025-PT-VOA-SOILD

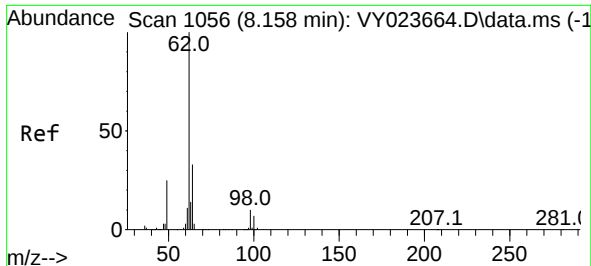
Tgt Ion:117 Resp: 129695
Ion Ratio Lower Upper
117 100
119 95.6 76.3 114.5
121 32.1 24.8 37.2



#40
Benzene
Concen: 23.060 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40

Tgt Ion: 78 Resp: 508490
Ion Ratio Lower Upper
78 100
77 24.2 18.8 28.2





#42

1,2-Dichloroethane

Concen: 46.329 ug/l

RT: 8.158 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VY023698.D

Acq: 06 Nov 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

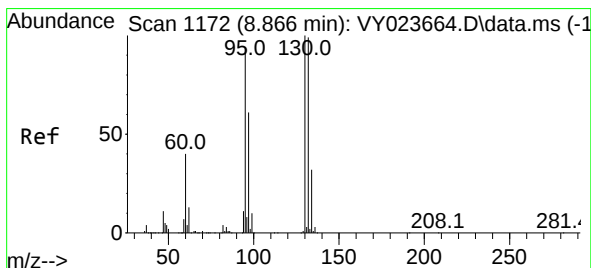
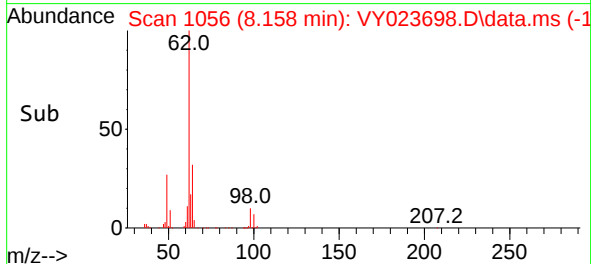
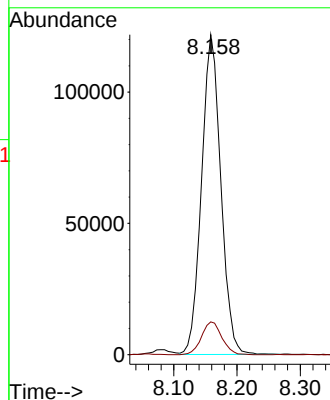
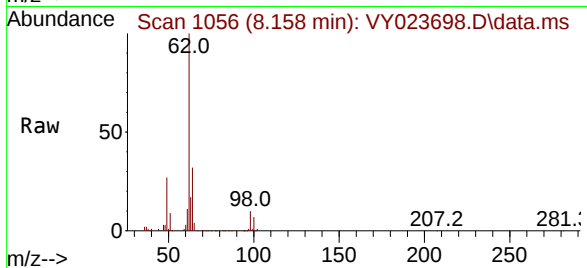
HW1025-PT-VOA-SOILD

Tgt Ion: 62 Resp: 258458

Ion Ratio Lower Upper

62 100

98 10.8 0.0 21.0



#44

Trichloroethene

Concen: 28.946 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY023698.D

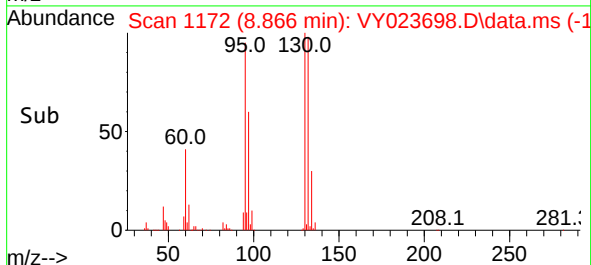
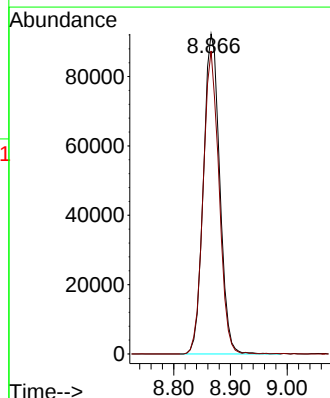
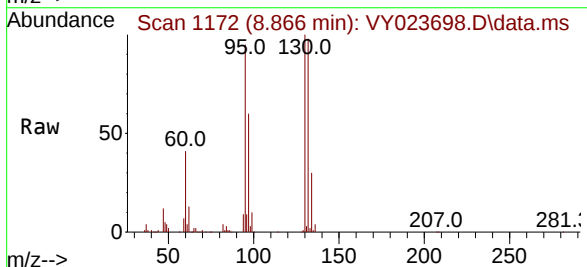
Acq: 06 Nov 2025 11:40

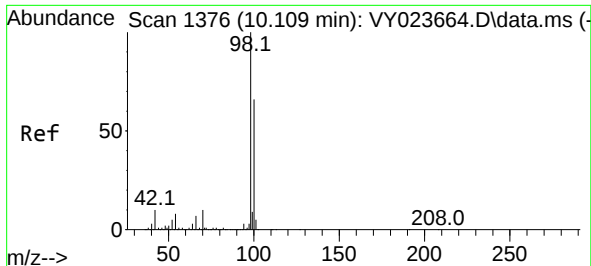
Tgt Ion:130 Resp: 183331

Ion Ratio Lower Upper

130 100

95 94.7 0.0 187.0

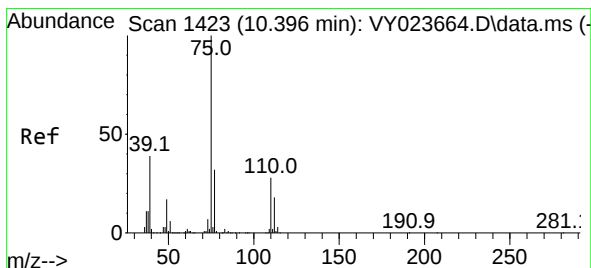
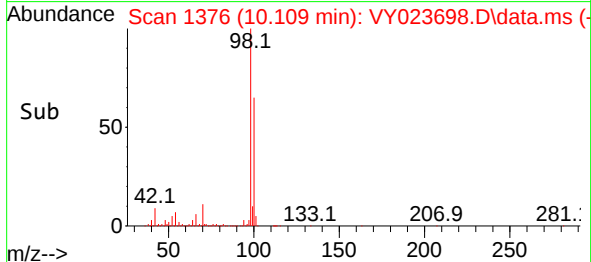
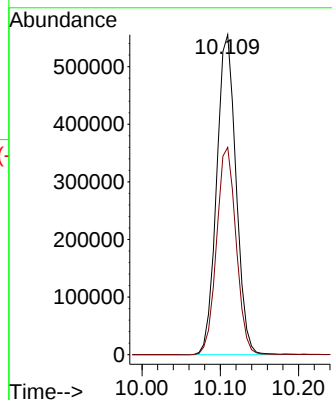
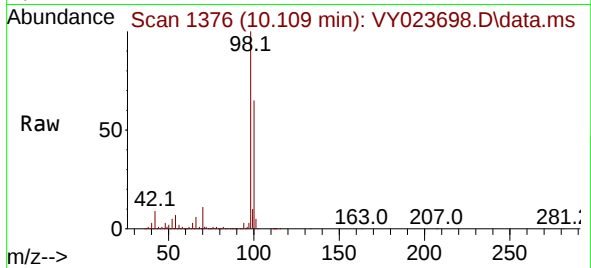




#50
Toluene-d8
Concen: 48.999 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40

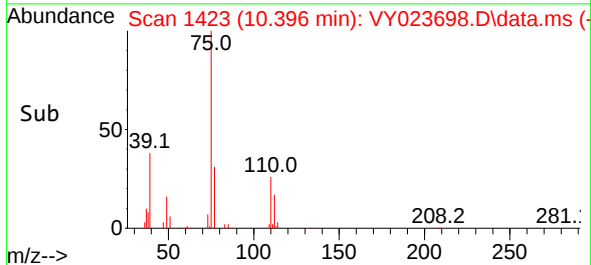
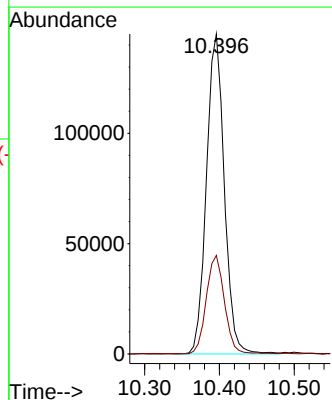
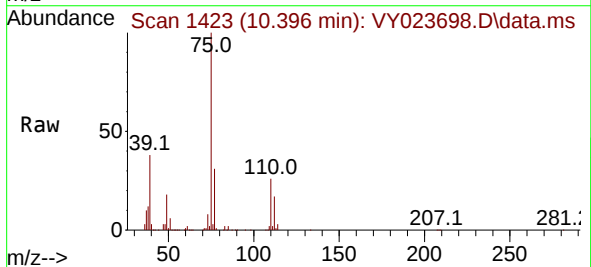
Instrument :
MSVOA_Y
ClientSampleId :
HW1025-PT-VOA-SOILD

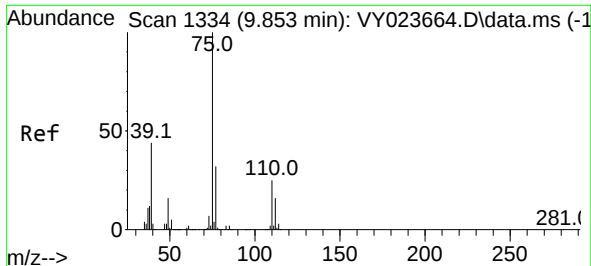
Tgt Ion: 98 Resp: 955572
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1



#53
t-1,3-Dichloropropene
Concen: 37.430 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40

Tgt Ion: 75 Resp: 240783
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4

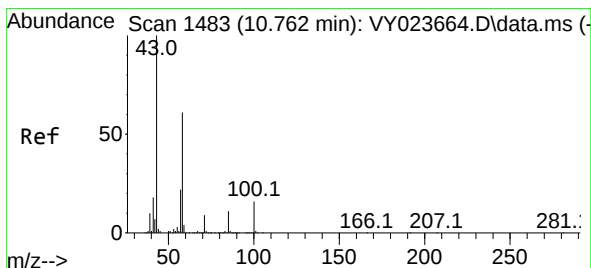
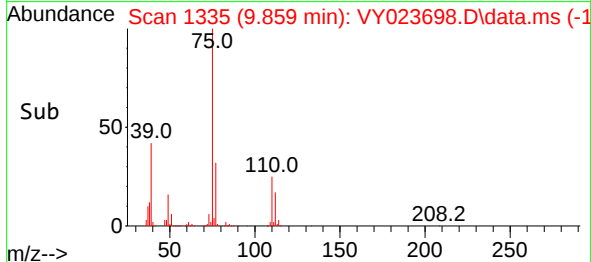
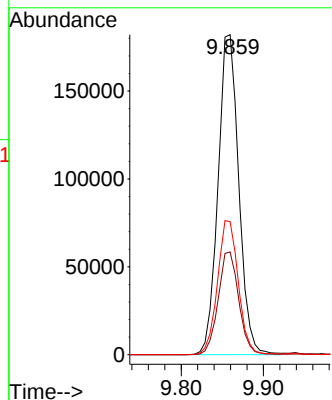
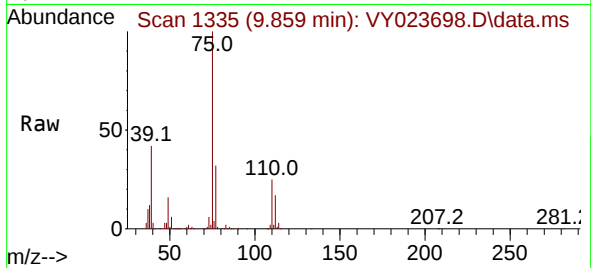




#54
cis-1,3-Dichloropropene
Concen: 41.483 ug/l
RT: 9.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40

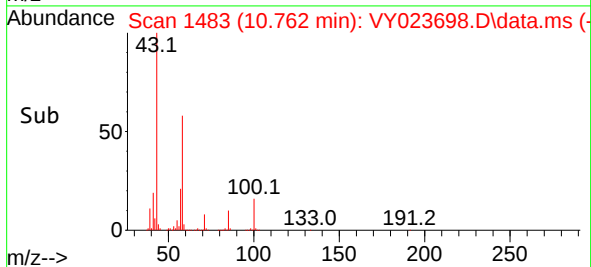
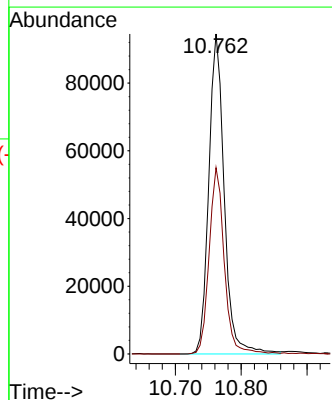
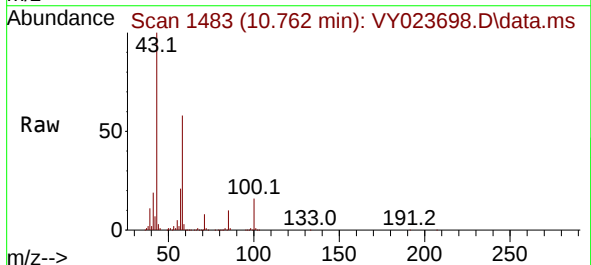
Instrument :
MSVOA_Y
ClientSampleId :
HW1025-PT-VOA-SOILD

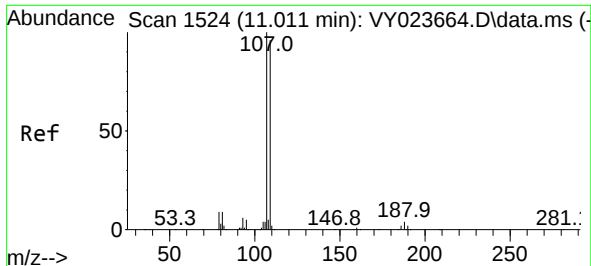
Tgt Ion: 75 Resp: 319715
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5
39 41.6 34.9 52.3



#59
2-Hexanone
Concen: 78.299 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40

Tgt Ion: 43 Resp: 154583
Ion Ratio Lower Upper
43 100
58 57.2 30.2 90.6

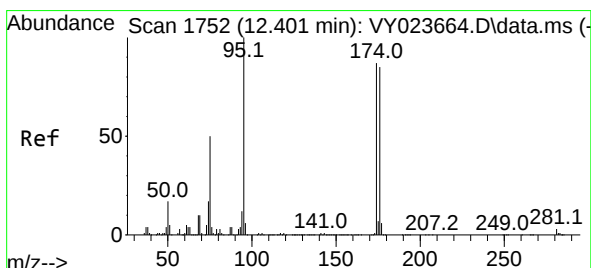
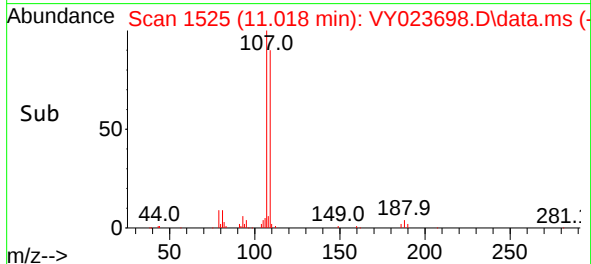
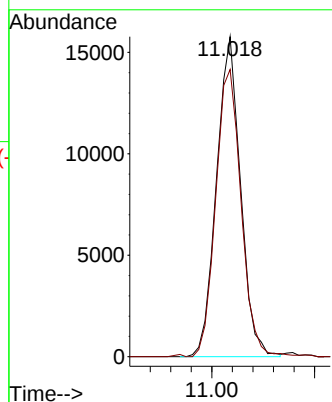
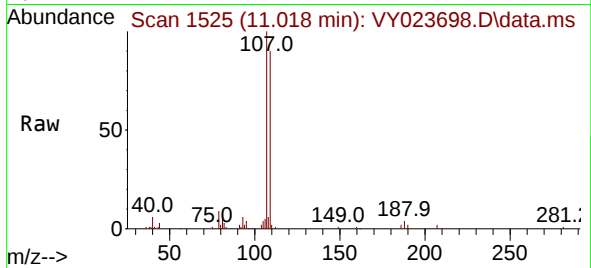




#61
1,2-Dibromoethane
Concen: 6.761 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40

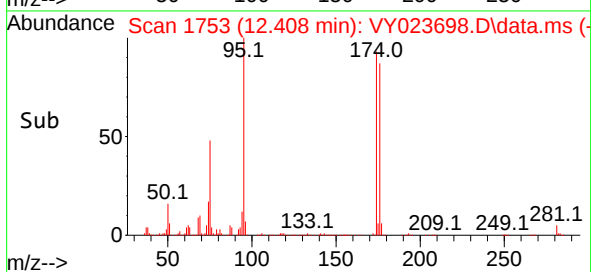
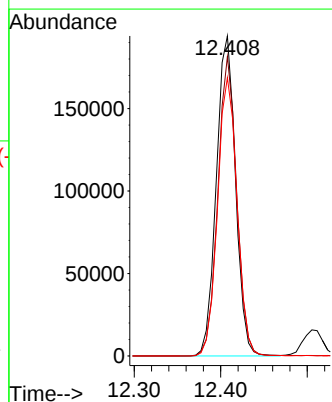
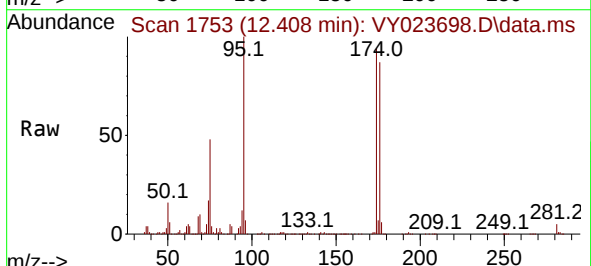
Instrument :
MSVOA_Y
ClientSampleId :
HW1025-PT-VOA-SOILDL

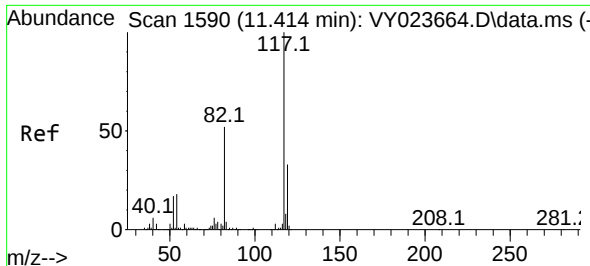
Tgt Ion:107 Resp: 25570
Ion Ratio Lower Upper
107 100
109 94.9 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 47.341 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40

Tgt Ion: 95 Resp: 298565
Ion Ratio Lower Upper
95 100
174 91.9 0.0 184.8
176 88.4 0.0 181.6

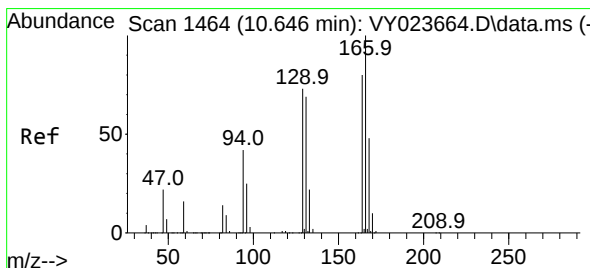
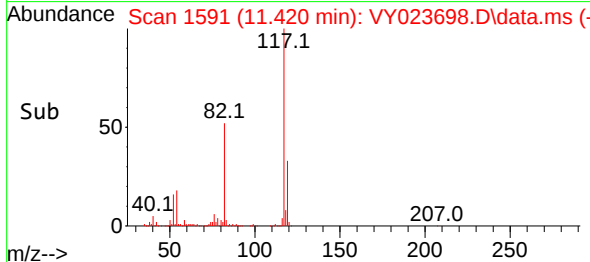
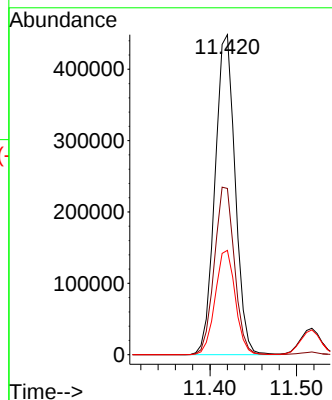
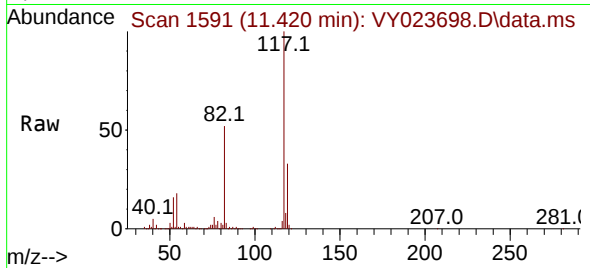




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40

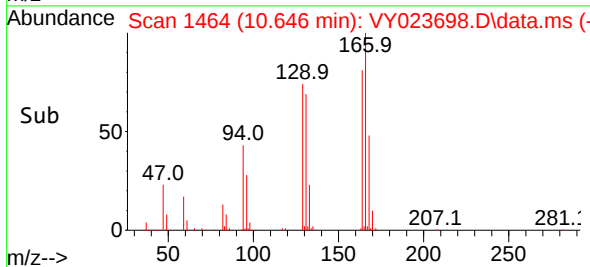
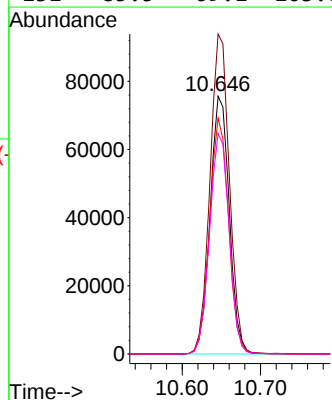
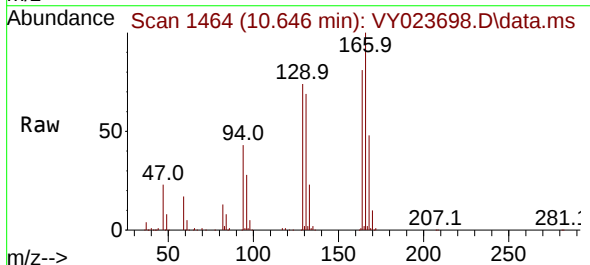
Instrument :
MSVOA_Y
ClientSampleId :
HW1025-PT-VOA-SOILD

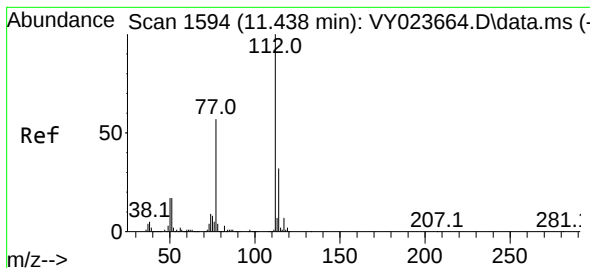
Tgt Ion:117 Resp: 724701
Ion Ratio Lower Upper
117 100
82 51.9 41.2 61.8
119 32.6 26.2 39.2



#64
Tetrachloroethene
Concen: 17.026 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40

Tgt Ion:164 Resp: 128427
Ion Ratio Lower Upper
164 100
166 124.2 99.5 149.3
129 91.6 72.3 108.5
131 85.5 69.1 103.7





#65

Chlorobenzene

Concen: 5.582 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023698.D

Acq: 06 Nov 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

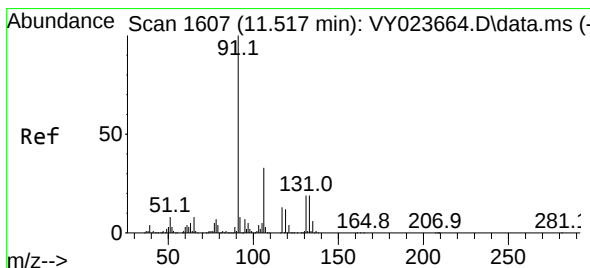
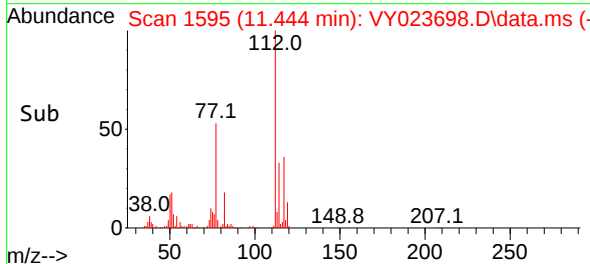
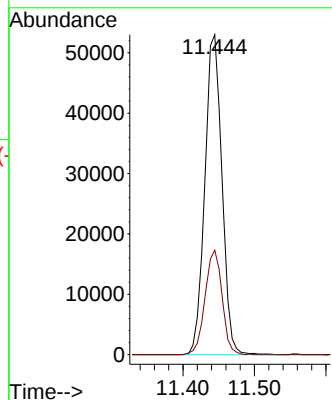
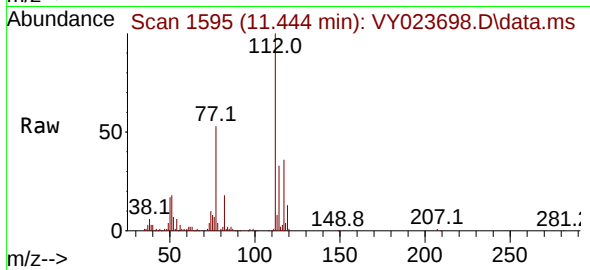
HW1025-PT-VOA-SOILD

Tgt Ion:112 Resp: 88066

Ion Ratio Lower Upper

112 100

114 32.6 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 16.036 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023698.D

Acq: 06 Nov 2025 11:40

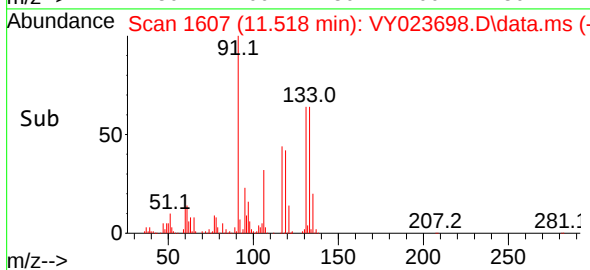
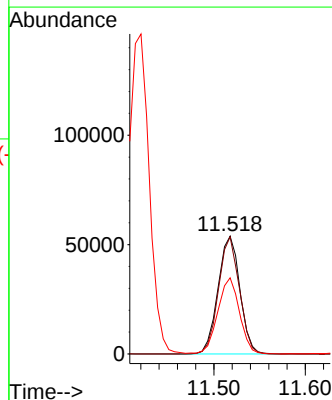
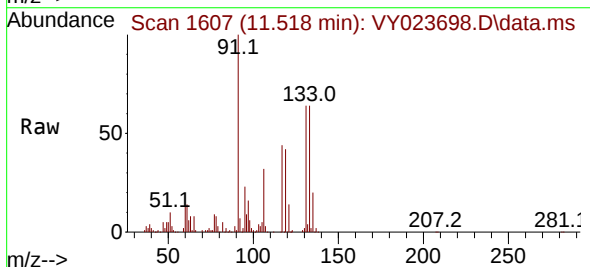
Tgt Ion:131 Resp: 89459

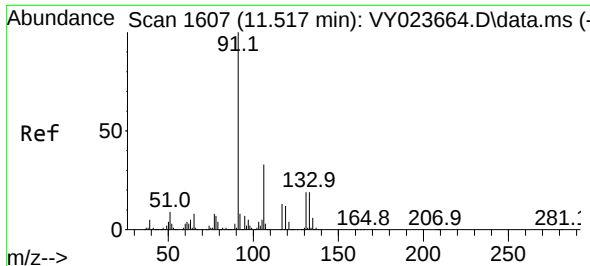
Ion Ratio Lower Upper

131 100

133 95.3 47.3 141.8

119 64.3 32.5 97.4





#67

Ethyl Benzene

Concen: 5.156 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023698.D

Acq: 06 Nov 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

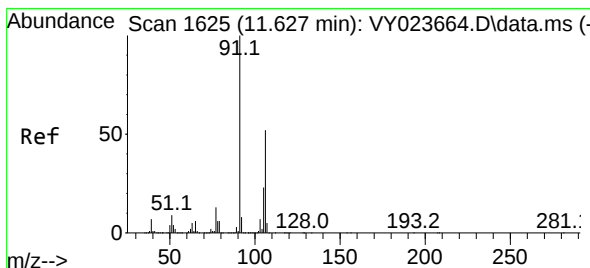
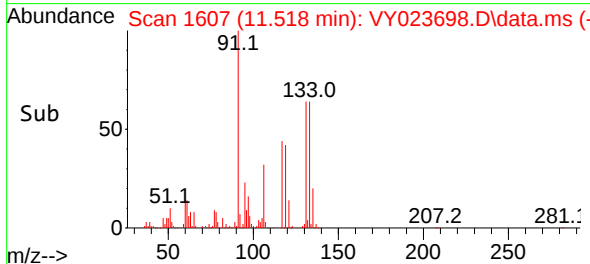
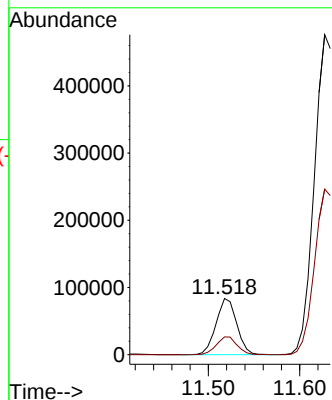
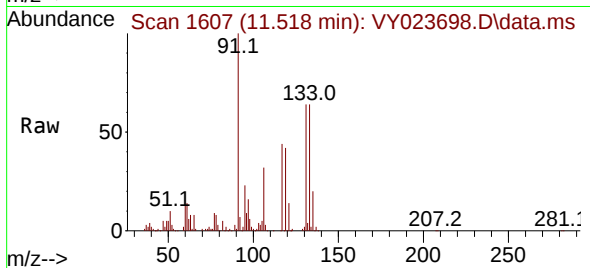
HW1025-PT-VOA-SOILD

Tgt Ion: 91 Resp: 131645

Ion Ratio Lower Upper

91 100

106 31.6 26.6 40.0



#68

m/p-Xylenes

Concen: 44.145 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY023698.D

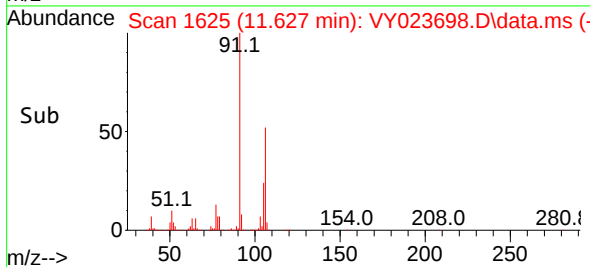
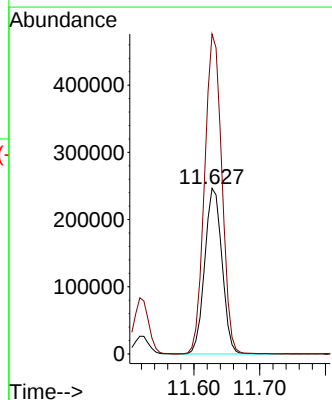
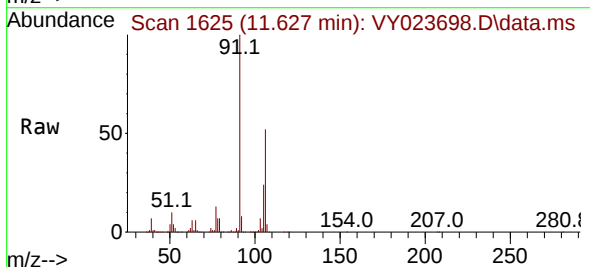
Acq: 06 Nov 2025 11:40

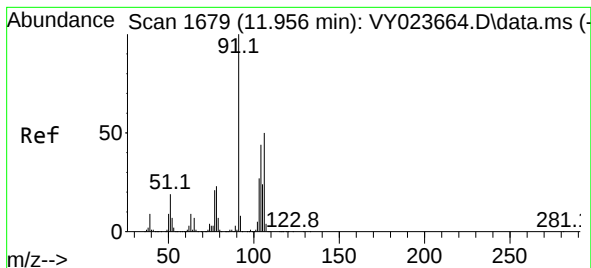
Tgt Ion: 106 Resp: 450361

Ion Ratio Lower Upper

106 100

91 192.9 154.3 231.5

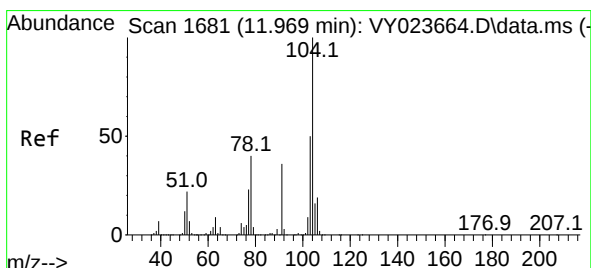
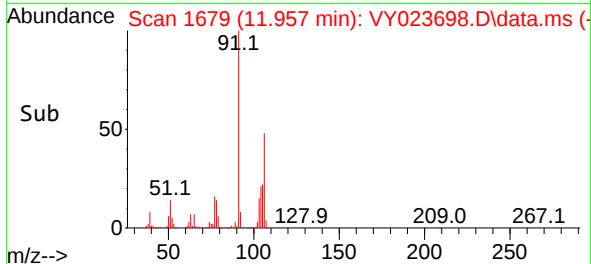
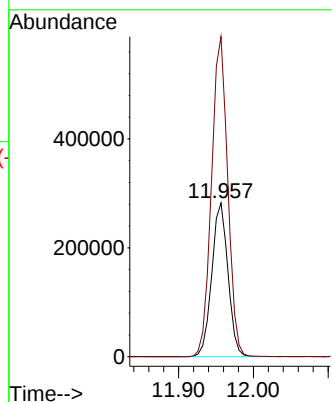
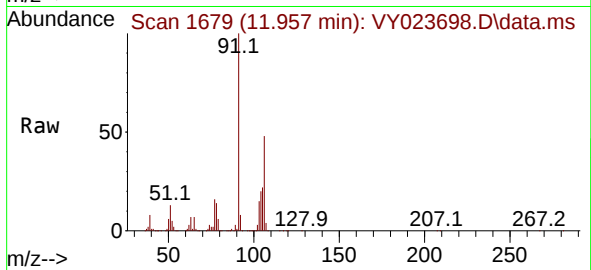




#69
o-Xylene
Concen: 44.990 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40

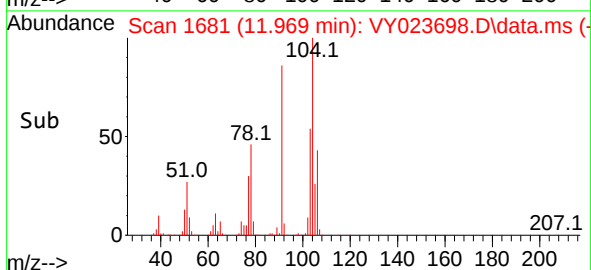
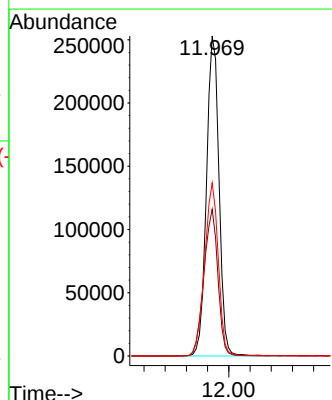
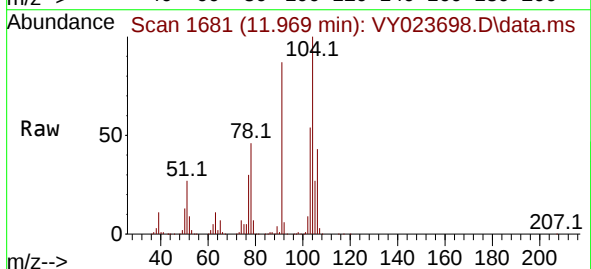
Instrument :
MSVOA_Y
ClientSampleId :
HW1025-PT-VOA-SOILD

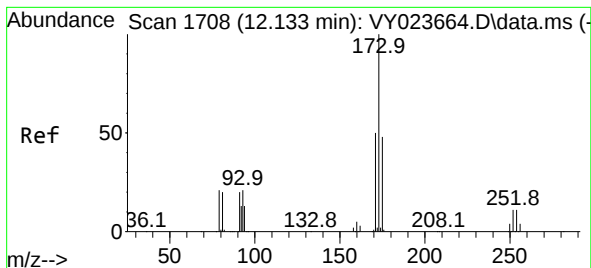
Tgt Ion:106 Resp: 424279
Ion Ratio Lower Upper
106 100
91 209.1 101.6 304.6



#70
Styrene
Concen: 26.660 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40

Tgt Ion:104 Resp: 414825
Ion Ratio Lower Upper
104 100
78 51.0 36.5 54.7
103 59.1 43.7 65.5





#71

Bromoform

Concen: 26.355 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023698.D

Acq: 06 Nov 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

HW1025-PT-VOA-SOILD

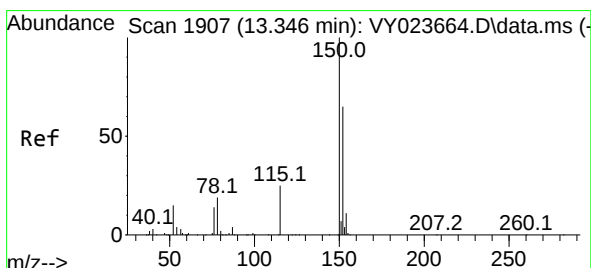
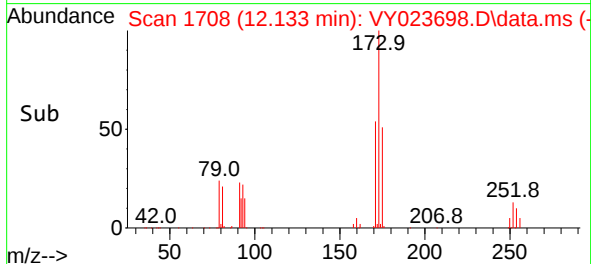
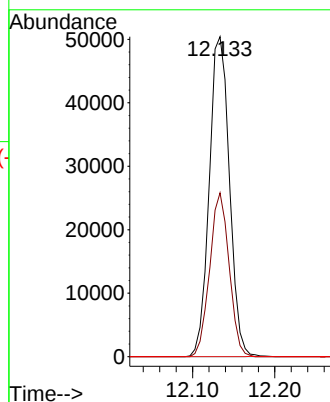
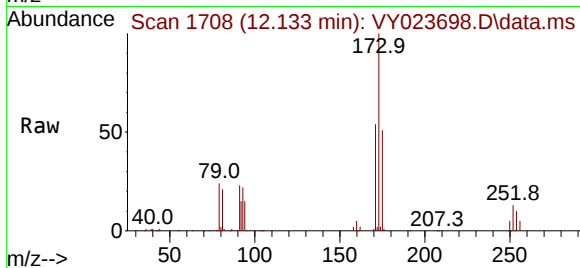
Tgt Ion:173 Resp: 85871

Ion Ratio Lower Upper

173 100

175 49.3 24.2 72.6

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY023698.D

Acq: 06 Nov 2025 11:40

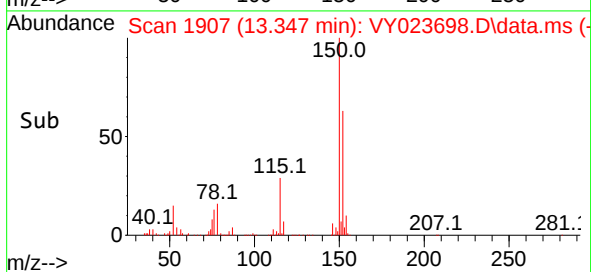
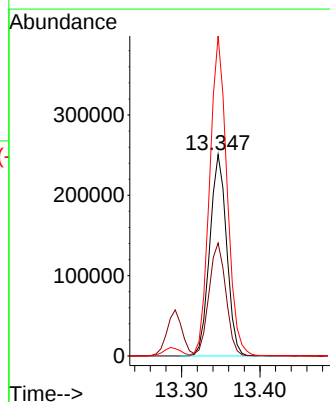
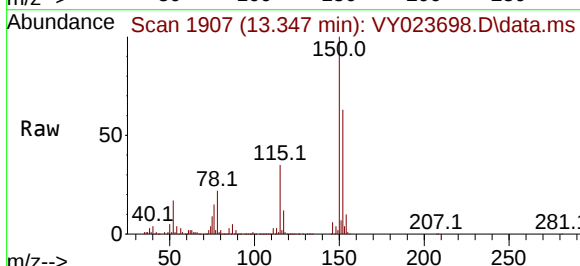
Tgt Ion:152 Resp: 374577

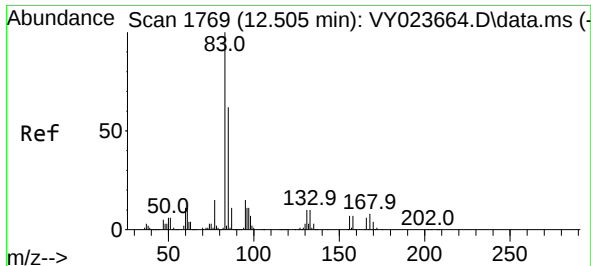
Ion Ratio Lower Upper

152 100

115 56.1 27.5 82.5

150 163.2 0.0 349.0

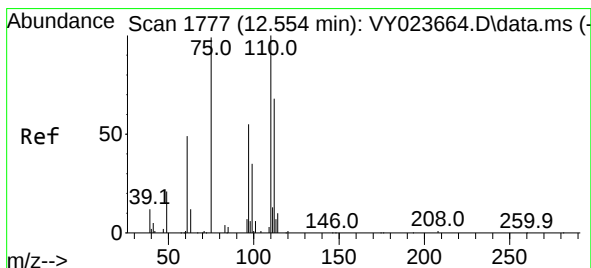
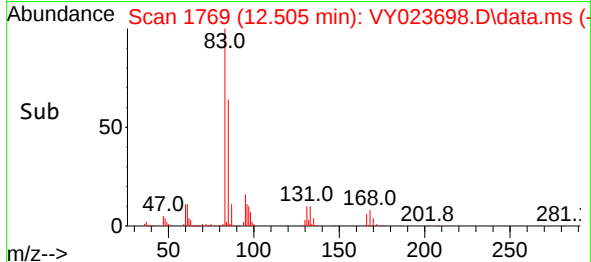
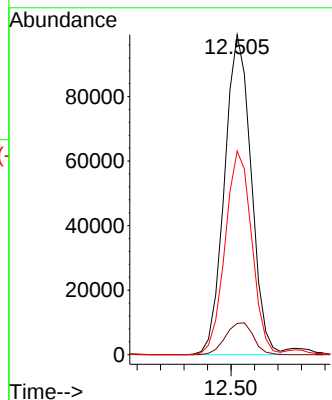
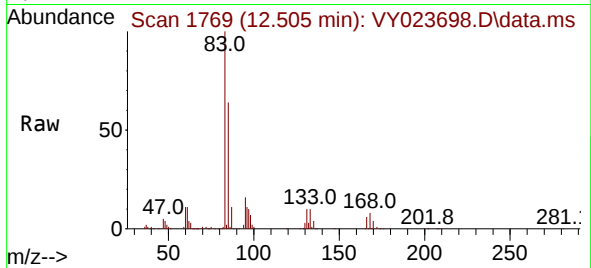




#75
 1,1,2,2-Tetrachloroethane
 Concen: 39.019 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY023698.D
 Acq: 06 Nov 2025 11:40

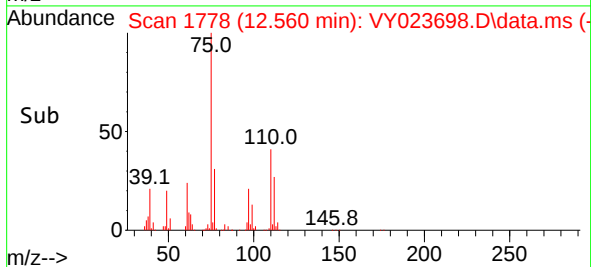
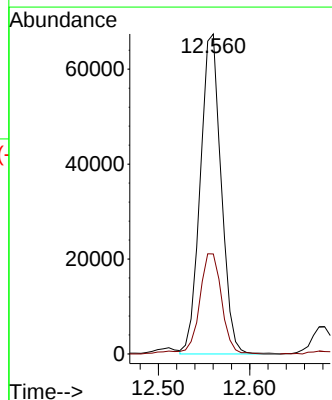
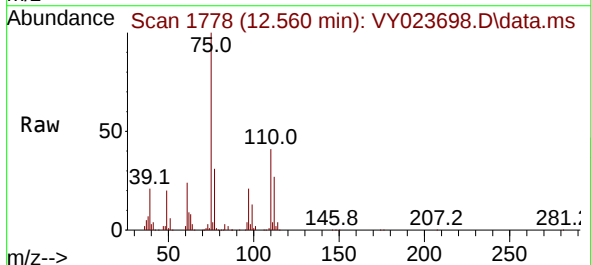
Instrument :
 MSVOA_Y
 ClientSampleId :
 HW1025-PT-VOA-SOILD

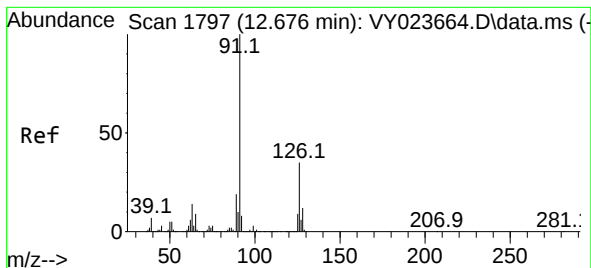
Tgt Ion: 83 Resp: 156122
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.7 17.0
 85 63.8 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 35.326 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.006 min
 Lab File: VY023698.D
 Acq: 06 Nov 2025 11:40

Tgt Ion: 75 Resp: 107090
 Ion Ratio Lower Upper
 75 100
 77 33.5 0.0 0.0#





#79

2-Chlorotoluene

Concen: 19.830 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023698.D

Acq: 06 Nov 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

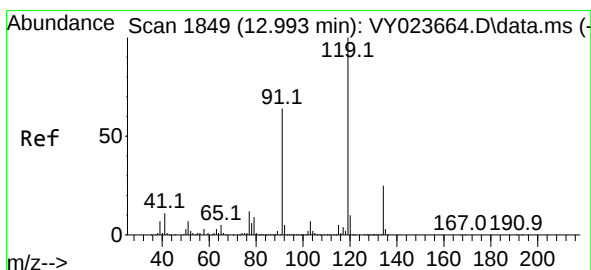
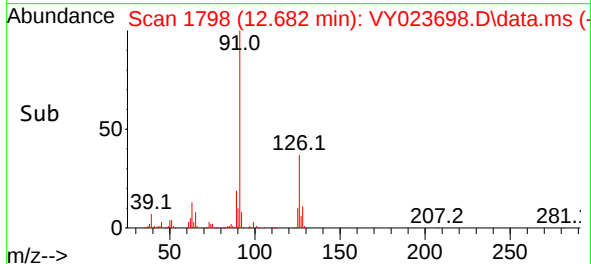
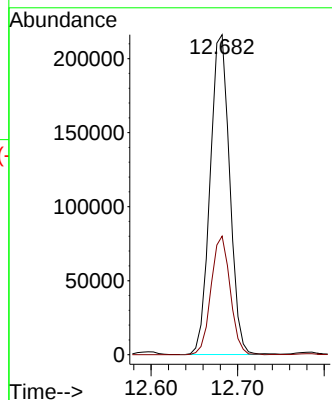
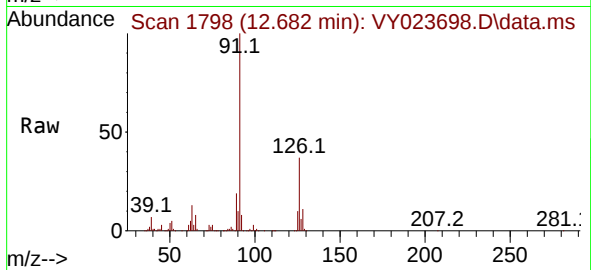
HW1025-PT-VOA-SOILDL

Tgt Ion: 91 Resp: 339099

Ion Ratio Lower Upper

91 100

126 36.2 18.0 54.0



#83

tert-Butylbenzene

Concen: 29.792 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023698.D

Acq: 06 Nov 2025 11:40

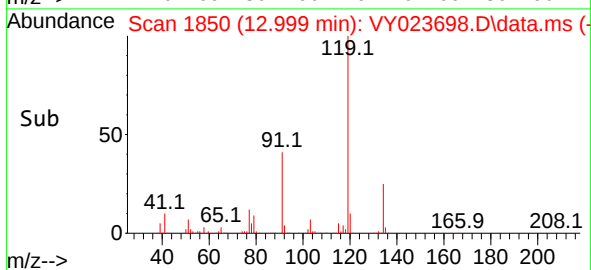
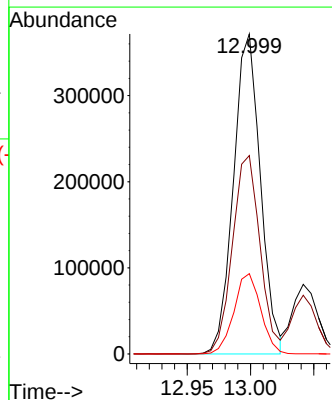
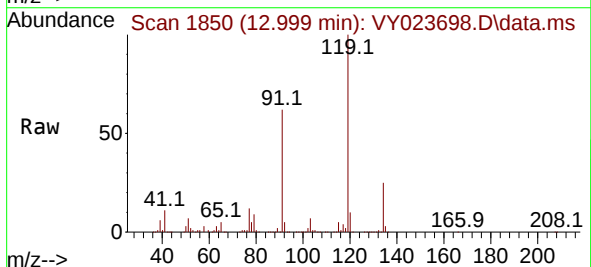
Tgt Ion: 119 Resp: 552302

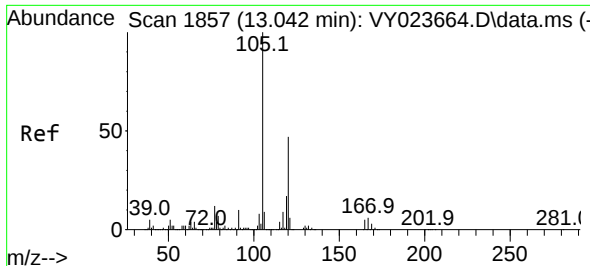
Ion Ratio Lower Upper

119 100

91 63.6 30.7 92.1

134 25.0 13.1 39.1

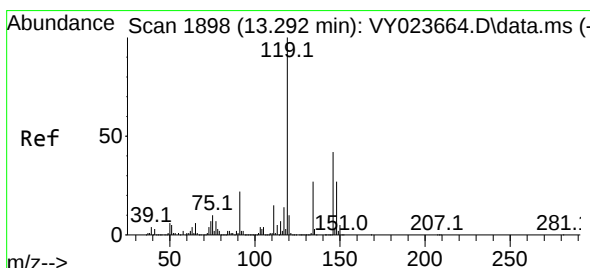
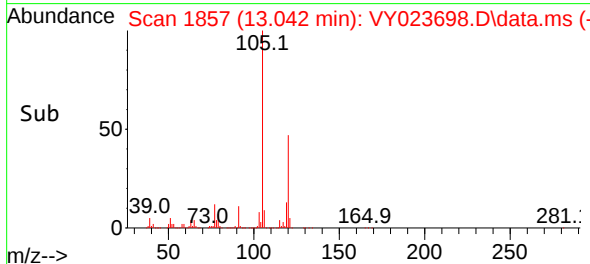
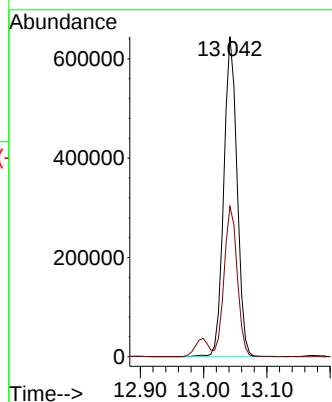
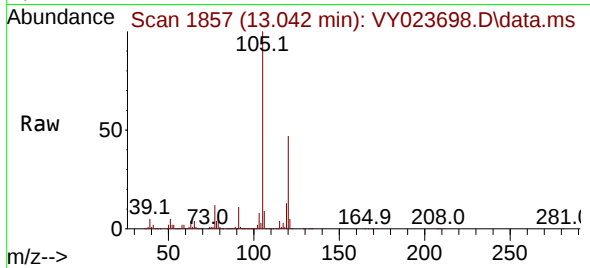




#84
1,2,4-Trimethylbenzene
Concen: 46.448 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40

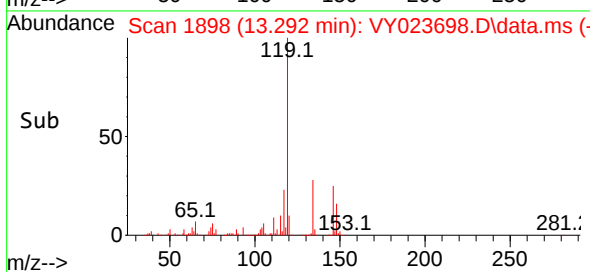
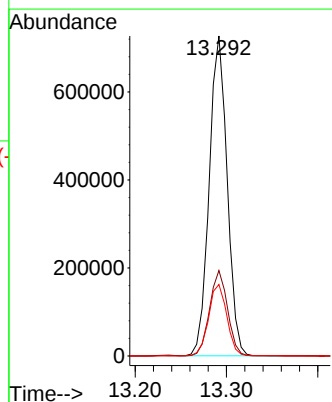
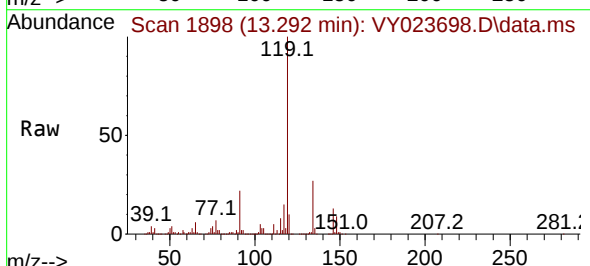
Instrument :
MSVOA_Y
ClientSampleId :
HW1025-PT-VOA-SOILD

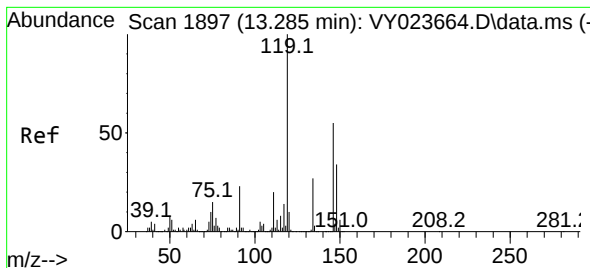
Tgt Ion:105 Resp: 936427
Ion Ratio Lower Upper
105 100
120 46.2 23.2 69.6



#86
p-Isopropyltoluene
Concen: 43.712 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY023698.D
Acq: 06 Nov 2025 11:40

Tgt Ion:119 Resp: 989472
Ion Ratio Lower Upper
119 100
134 26.8 13.4 40.2
91 22.7 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 12.377 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023698.D

Acq: 06 Nov 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

HW1025-PT-VOA-SOILDL

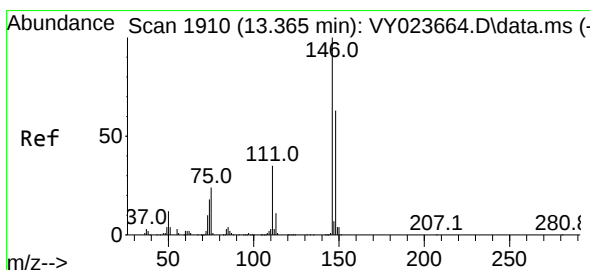
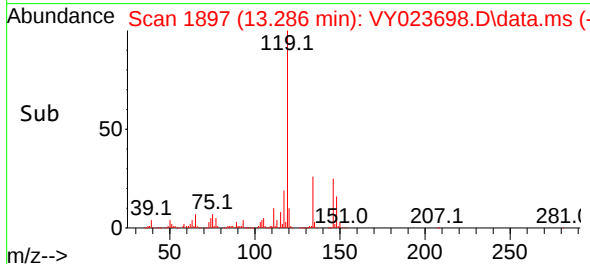
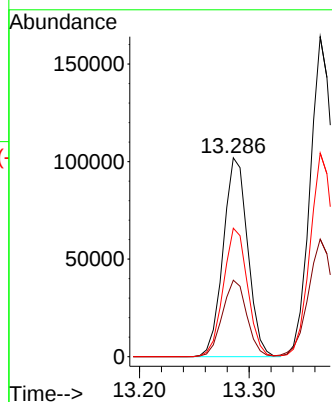
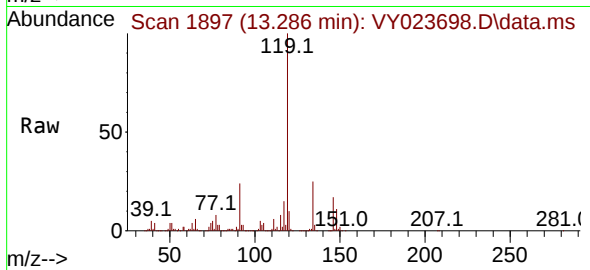
Tgt Ion:146 Resp: 158311

Ion Ratio Lower Upper

146 100

111 38.3 18.8 56.3

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.542 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY023698.D

Acq: 06 Nov 2025 11:40

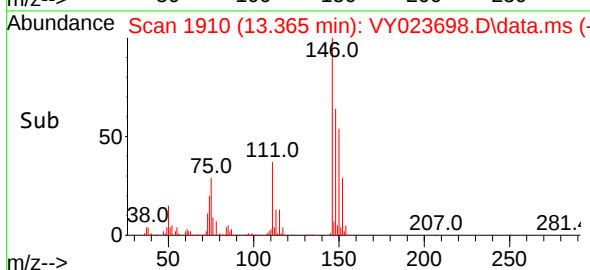
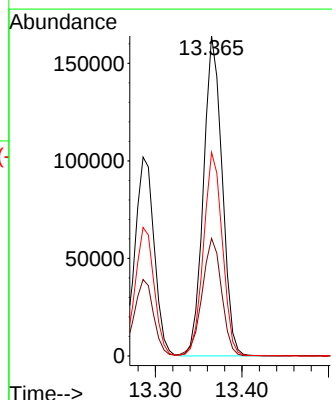
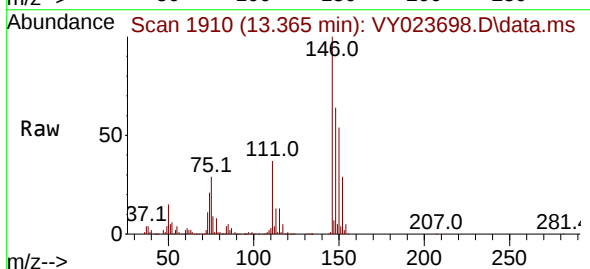
Tgt Ion:146 Resp: 245531

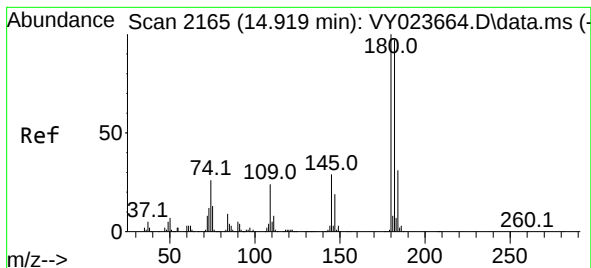
Ion Ratio Lower Upper

146 100

111 38.5 18.3 54.8

148 64.2 31.8 95.3





#93

1,2,4-Trichlorobenzene

Concen: 33.041 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023698.D

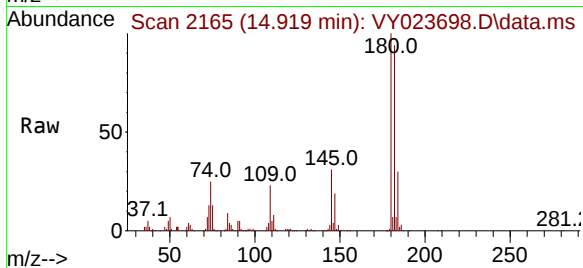
Acq: 06 Nov 2025 11:40

Instrument :

MSVOA_Y

ClientSampleId :

HW1025-PT-VOA-SOILD



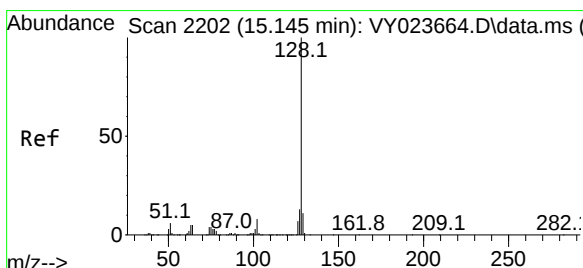
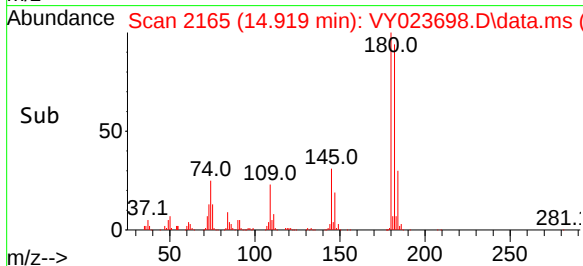
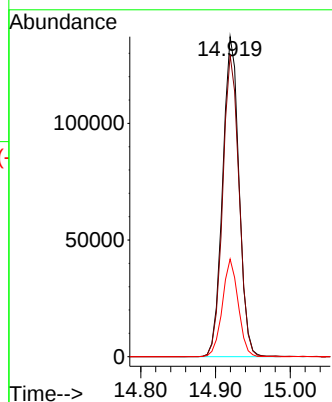
Tgt Ion:180 Resp: 208316

Ion Ratio Lower Upper

180 100

182 94.2 47.5 142.6

145 29.6 14.4 43.4



#95

Naphthalene

Concen: 15.660 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY023698.D

Acq: 06 Nov 2025 11:40

Tgt Ion:128 Resp: 128093

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

129 10.8 8.8 13.2

